

In the Claims

1-24 (canceled).

25 (new). A method of screening a plurality of different *Paenibacillus* isolates for toxin activity against an insect selected from the group consisting of a lepidopteran insect and a rootworm insect, said method comprising obtaining protein samples from said isolates and assaying said protein samples for said activity.

26 (new). The method of claim 25, said method comprising feeding said protein samples to a plurality of said insects and observing said insects for effects of a toxin.

27 (new). The method of claim 25, said method comprising assaying said protein samples for ability to enhance activity of a toxin complex toxin protein.

28 (new). A method of screening a plurality of different *Paenibacillus* isolates for toxin activity against an insect selected from the group consisting of a lepidopteran insect and a rootworm insect, said method comprising obtaining culture broths produced by said isolates and assaying said broths for said activity.

29 (new). A method of screening a plurality of different *Paenibacillus* isolates for toxin activity against an insect selected from the group consisting of a lepidopteran insect and a rootworm insect, said method comprising feeding said isolates to a plurality of said insects and observing said insects for effects of a toxin.

30 (new). The method of claim 25, said method further comprising creating a library of clones from at least one of said isolates and assaying at least one of said clones for said activity.

31 (new). The method of claim 28, said method further comprising creating a library of clones from at least one of said isolates and assaying at least one of said clones for said activity.

32 (new). The method of claim 29, said method further comprising creating a library of clones from at least one of said isolates and assaying at least one of said clones for said activity.

33 (new). The method of claim 25, said method further comprising assaying at least one of said protein samples for molecular weight of proteins in said sample.

34 (new). The method of claim 25 wherein said protein samples are cell pellets obtained from said isolates.

35 (new). The method of claim 25 wherein said protein samples comprise purified protein.

36 (new). The method of claim 26 wherein said feeding comprises providing said protein samples in nutrient agar to said insects.

37 (new). The method of claim 26 wherein said feeding comprises providing said protein samples to said insects on nutrient agar plates.

38 (new). The method of claim 26 wherein said feeding comprises incorporating said protein samples into artificial diet in wells of a plate.

39 (new). The method of claim 38 wherein said insects are larvae.

40 (new). The method of claim 25 wherein said insect is a lepidopteran insect.

41 (new). The method of claim 25 wherein said insect is a corn rootworm.